

DEPARTMENT OF HEALTH SERVICES
COUNTY OF LOS ANGELES

SUBJECT: **ALS EMS AIRCRAFT INVENTORY**

(PARAMEDIC/MICN)
REFERENCE NO. 706

PURPOSE: To provide a standardized minimum inventory on all Advanced Life Support (ALS) EMS aircraft.

POLICY: Each EMS aircraft shall have on board equipment and supplies commensurate with the scope of practice of the medical flight crew. This requirement may be fulfilled through the utilization of appropriate kits (cases/packs) which can be carried aboard a given flight. ALS EMS aircraft shall have sufficient space to carry the following minimum medical equipment and supplies. Reasonable variations may occur; however, any exceptions must have prior approval of the EMS Agency. Controlled drugs shall be secured on the EMS aircraft in accordance with Reference No. 702, Controlled Drugs Carried on ALS Units.

MEDICATIONS* (minimum required amounts)			
Albuterol (pre-mixed with NS)	20 mgs	Fentanyl ¹	500 mcgs
Adenosine	18 mgs	Glucagon	1 mg
Amiodarone	600 mgs	Midazolam ²	15 mgs
Aspirin (chewable 81 mg)	648 mgs	Morphine sulfate ³	20 mgs
Atropine sulfate (1 mg/10 ml)	3 mgs	Naloxone	2 mgs
Calcium chloride	2 gm	Normal saline (for injection)	3 vials
Dextrose 50%	100 mls	Nitroglycerin spray or tablets	1
Dextrose solution 100 gm (glucose paste may be substituted)	1	Ondansetron 4mg ODT	16 mgs
Diphenhydramine	100 mgs	Ondansetron 4mg IV	16 mgs
Epinephrine (1:1,000)	7 mgs	Sodium bicarbonate	100 mls
Epinephrine (1:10,000)	6 mgs		

* All sharps must comply with CCR, Title 8, Section 5193, Bloodborne Pathogens

¹ Fentanyl carried on ALS EMS Aircraft is not to exceed 1500 mcgs.

² Midazolam carried on ALS EMS Aircraft is not to exceed 40 mgs.


³ Morphine sulfate carried on ALS EMS Aircraft is not to exceed 60 mgs.

INTRAVENOUS FLUIDS (minimum required amounts)			
1000 ml Normal Saline	4	250 or 500 ml Normal Saline	1

EFFECTIVE: 9-1-99
REVISED: 07-01-16
SUPERSEDES: 12-01-14

PAGE 1 OF 3

APPROVED:


Director, EMS Agency


Medical Director, EMS Agency

SUPPLIES* (minimum required amounts)			
Adhesive dressing (bandaids)	10	Flashlight	1
Airways – Nasopharyngeal 4.5 – 9.0	1 each	Gauze sponges (sterile)	12
Airways – Oropharyngeal Large	1	Gauze bandages	5
Medium	1	Gloves Sterile	2 Pairs
Small Adult/Child	1	Gloves Unsterile	1 Box
Infant	1	Glucometer with strips	1
Neonate	1	Hand-held nebulizer pack	2
Alcohol swabs	20	Intravenous catheters 16G-22G	4 each
Backboards	1	Intravenous Tubing Microdrip	1
Bag-valve device with O ₂ inlet and reservoir Adult and Pediatric	1 each	Macro drip	4
Bag-valve mask Large	1	Intraosseous Device FDA-Approved ⁷	
Medium	1	Adult	1
		Pediatric	1
Small Adult/Child	1	King LTS-D (Disposable Supraglottic Airway device) Small Adult (Size 3)	1
Toddler	1	Adult (Size 4)	1
Infant	1	Large Adult (Size 5)	1
Neonate	1	Lancets, automatic retractable	5
Burn pack or burn sheets	1	Laryngoscope Handle Adult (compatible with pediatric blades)	1 each
Cervical collars (rigid) Adult (various sizes)	2	Laryngoscope Blades Adult, curved and straight	1 each
Pediatric	2	Pediatric, Miller #1 & #2	1 each
Commercial Catheter-Over-Needle Chest Decompression Needles 3.0-3.5" 14G	2	Magill Forceps Adult and Pediatric	1 each
Color Code Drug Doses LA County Kids	1	Mucosal Atomization Device (MAD)	2
Contaminated needle container	1	Needle, filtered-5micron	2
Continuous Positive Airway Pressure (CPAP) Device	1	Noninvasive blood pressure monitor	1
Defibrillator with oscilloscope	1	Normal saline for irrigation (may stock the smaller 100ml bottle)	1 bottle
Defibrillator pads or paste	2	OB pack and bulb syringe	1
ECG, 12-lead capable	1	Oxygen cannulas	2
ECG Electrodes Adult and Pediatric	8-10 multi-use	Oxygen non-rebreather masks Adult and Pediatric	2 each
Endotracheal tubes with stylets Sizes 6.0-8.0	2 each	Pediatric Resuscitation Tape	1
End Tidal CO ₂ Detector and Aspirator Adult	1	Personal Protective Equipment/ Body Substance Isolation Equipment	
End Tidal CO ₂ Monitor Adult	1	mask, gown, eye protection	1 each per provider

SUPPLIES* (minimum required amounts)			
Extrication device or short board	1	Pulse Oximeter	1
Procedures Prior to Base Contact Field Reference No. 806.1	1	Syringes 1ml – 60 ml	assorted
Radio transmitter receiver ⁴	1	Sphygmomanometer Adult/pediatric/thigh cuff	1 each
Saline locks	4	Stethoscope	1
Scissors	1	Tape (various types, must include cloth)	assorted
Splints – cardboard (long and short) (or air splints for 4 extremities)	2 each	Tourniquets	2
Splints – traction (adult and pediatric) ⁵	1 each	Tourniquets (commercial, for control of bleeding)	2
Suction unit (portable)	1	Transcutaneous Pacing ^{6,7}	1
Suction Instruments 8Fr.-12Fr. Catheters	1 each	Tube Introducer	2
Tonsillar tip	1	Waveform Capnography	
Suction Unit (portable)	1		

SUPPLIES* (approved optional equipment)	
Dextrose 25%	Resuscitator with positive pressure demand valve (flow rate not to exceed 40L/min)
Dopamine	Transcutaneous Pacing ⁷
Hemostatic Dressings ⁷	Vacutainer Tubes

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⁴ Los Angeles County Department of Communications, Spec. No. 2029/2031/2033

⁵ One Sager splint may be used for both adult and pediatric

⁶ Only for providers that respond to medical emergencies via the 9-1-1 system

⁷ Requires EMS Agency approval, which includes an approved training program and QI method prior to implementation

This policy is intended as an ALS EMS aircraft inventory only. Supply and resupply shall be in accordance with Reference No. 701, Supply and Resupply of Designated EMS Provider Units/Vehicles.

CROSS REFERENCES:

Prehospital Care Policy Manual:

Ref. No. 701, **Supply and Resupply of Designated EMS Provider Units/Vehicles**

Ref. No. 702, **Controlled Drugs Carried on ALS Units**

Ref. No. 710, **Basic Life Support Ambulance Equipment**

Title 22, Chapter 8, Prehospital EMS Aircraft Regulations

Los Angeles County, Code of Ordinances, Title 7, Business Licenses, Division 2, Chapter 7.16,
Ambulances